

FIGURE 1

HKLK2.LA0	(6998)	AA-CTGAGCCTTGATTATATTG-GAGCTTGGTTGCA-CAG-ACATGTCGA
PSE	(509)	AATCT-AG-C-TGA-TATAGTGTG-GCTCAAAACCTTCAGCACAAATC-A
HKLK2.LA0	(7044)	CCACCTTCATGGCTGAACTTTAGTACTTAGCCCCTCCAGACGTCTACAGC
PSE	(553)	-CACCGTTA-GACTA-TCTGGTGT-GGC-CCAAACCTTCAGG
HKLK2.LA0	(7094)	TGATAGGCTGTAACCCAACAT-TGTCACCATAAATCACATTGTTAGACTA
PSE HKLK2.LA0 PSE PSE	(590)	TGA-ACAAAGGGACTCTA-ATCTGGCAGGAT-ATTC-CAAAG-C-A
HKLK2.LA0	(7143)	TCCAGTG-TGGCC-CAAGCTCCCGTGTAAACACAGGCACTCTAAACAG
PSE	(630)	T-TAGAGATGACCTCTTGC-AAAG-AAAAAGAAATGGAAAAGAAAA
HKLK2.LA0	(7189)	-G-CAGGATATTTCAAAAGCTT-AGAGATGACCTCCCAGGAGCTGAATGC
PSE	(677)	AGAAAGGAAAAAAAAAAAAAAAAGAGATGACCTCTCAGGCTCTGAGGGG
HKLK2.LA0	(7236)	AAA-GACCTGGCCTCTTTGGGCAAGGAGAATCCTTTACCGCACACTCTCC
PSE	(727)	AAACG-CCTGAGGTCTTTGAGCAAGGTCAGTCCTCTGTTGCACAGTCTCC
HKLK2.LA0	(7285)	TTCACAGGGTTATTGTGAGGATCAAATGTGGTCATGTGTGTG
PSE	(776)	CTCACAGGGTCATTGTGACGATCAAATGTGGTCACGTGTATGAGGCACCA
HKLK2.LA0	(7335)	GCACATGTCTGGCTGTGGAGAGTGACTTCTATGTGTGCTAACATTGCT
PSE	(826)	GCACATGCCTGGGCAGTGCCGTGTAAGTGTATGCTTGCACTGCT
HKLK2.LA0	(7383)	GAGTGCTAAGAAAGTATTAGGCATGGCT-TTCAGCACTCACAGATGCTCA
PSE	(876)	GAATGCTTGGGATGTGTCAGGGAT-TATCTTCAGCACTTACAGATGCTCA

HKLK2.LA0	(7432) (925)	TCTAATCCTCACAACATGGCTACAGGG-TGGGCACTACTAGCCTCATTTG ::::::::::::::::::::::::::::::::::		
HKLK2.LA0	(7481)	ACAGAGGAAAG-GACTGTGGATAAGAAGGGGGTGACCAATAGGTCAGAGT		
PSE	(974)	ATGGA-GAAAGTGGCTGTGGCTCAGAAAGGGGGGGACCACTAGACCAGGGA		
HKLK2.LA0	(7530)	CATTCTGGATGCAAGGGG-CTCCAGAGGACCATGATTAGACATTGTCTGC		
PSE	(1023)	CACTCTGGATGC-TGGGGACTCCAGA-GACCATGACCACTCACCAACTGC		
HKLK2.LA0	(7579)	AGAGAAATTATGG-CTGGATGTCTCTGCCCCGGAAAGGG-GGAT		
PSE	(1071)	AGAGAAATTAATTGTGGCCT-GATGTCCCTGTCCTGGAGAGGGTGGAGGT		
HKLK2.LA0	(7621).	GCACTTTCCTTGACCCCCTATCTCAGATCTTGACTTTGAG-GTTATCTCA		
PSE	(1120)	GGACCTTCACTAACCTCCTACCT-TGACCCTCTCTTTTAGGGCTCTTTCT		
HKLK2.LA0	(7670)	GACTTCCTCTATGATACCAGGAGCCCATCATAATCTCTCTGTGTCCTCTC		
PSE #	(1169)	GACCTCCACCATGGTACTAGGA-CCCCATTGTAT-TCTGT-ACC-CT- :: :: :: :: :: ::		
HKLK2.LA0	(7720)	CCCTTCCTCAGTCTTACTG-CCCACTCTTCCCAGCTCCATCTCCAGCTGG		
PSE	(1212)	C-TTGACTC-TA-TGACCCCCACTGCCCA-CTGCATCCAGCT : : : : : : : :		
HKLK2.LA0	(7769)	CCAGGTGTAGCCACAGTACCTAACTCT-TTGCAGAGAACTATAAATGTGT		
PSE	(1250)	GG-GTCC-CT-CCTATCTCTATT-CCCAGCTGGCCA-GTGC		
HKLK2.LA0	(7818)	A-TCCTACAGGGGAGAAAAAA-AAAAG-AACTCTGAAAGAGCTGACATT		
PSE	(1287)	AGT-CT-CAGTGCCCACCTGTTTGTCAGTAACTCTGAAGGGGCTGACATT		
HKLK2.LA0	(7865)	TTACCGACTTGCAAACACATAAGCTAACCTGCCAGTTTTGTGCT		
PSE	(1335)	TTACTGACTTGCAAACAAATAAGCTAACTTTCCAGAGTTTTGTGAATGCT		
HKLK2.LA0	(7909)	GGTAGAACT-CATGAGACTCCTGGGTCAGAGGCAAAAGATTTTATTACCC		
PSE	(1385)	GGCAG-AGTCCATGAGACTCCTGAGTCAGAGGCAAAGGCTTTTACTGCTC::::::::::		

HKLK2.LA0	(7958)	ACAGCTAAGGAGGCAGCATGAACTTTGTGTTCACATTTGTTCACTTTGCC
PSE	(1434)	ACAGCTTAGCAGACAGCATGAGGTTCATGTTCACATTAGTACACCTTGCC
HKLK2.LA0	(8008)	CCCCAATTCATAT-GGGATGATCAGAGCAGTTC-AGGTGGATGG-A
PSE	(1484)	CCCCCCAAATCTTGTAGGG-TGACCAGAGCAG-TCTAGGTGGATGCTGTG
HKLK2.LA0	(8051)	CA-CAGGGGTTTGTGGCAAAGGTGAGCAACCTAG-GCTTAGAAATCCTCA
PSE	(1532)	CAGAAGGGGTTTGTGCCACTGGTGAGAAACCT-GAGATTAGGAATCCTCA
HKLK2.LA0	(8099)	ATCTTATAAGAAGGTACTAGCAAACTTGTC-CAGTCTTTGTATCTGA
PSE	(1581)	ATCTTAT-ACTGGG-ACAACTTGCAAACCTG-CTCAGCCTTTGTCTCTGA
HKLK2.LA0	(8145)	CGGAGATATTATCTTTATAAT-TGGG-TTGAAAGCAGACCTACTCTGGAG
HKLK2.LA0 PSE HKLK2.LA0	(1628)	TGAAGATATTATCTTCATGATCTTGGATTGAAAACAGACCTACTCTGGAG
N HKLK2.LA0	(8193)	GAACATATTGTATTTATTGTCCT-GAACAGTAAACAAATCTGCTGTAAAA
PSE ::	(1678)	GAACATATTGTATCGATTGTCCTTG-ACAGTAAACAAATCTGTTGTAA
# HKLK2.LA0	(8242)	TAGACGTTAACTTTATTATCTAAGG-CAGTAAGCAAACCTAGATCTGAAG
D PSE	(1725)	GAGACATTATCTTATTATCT-AGGACAGTAAGCAAGCCTGGATCTG-AG:
HKLK2.LA8	(8291)	-GCGATACCATCTTGCAAGGCTATCTGCTGTACAAATATGCTTGAAAAGA
PSE	(1773)	AGAGATATCATCTTGCAAGGATGCCTGCTTTACAAACATCCTTGAAACAA
HKLK2.LA0	(8340)	TGGTCCAGAAAAGAAAACGGTATTATTGCCTTTGCTCAGAAGACACACAG
PSE	(1823)	CAATCCAGAAAA-AAAAAGGIGTTGCTGTCTTTGCTCAGAAGACACACAG
HKLK2.LA0	(8390)	AAACATAAGAGAACCATGGAAAATTGTCTCCCAACACTGTTCACCCAGAG
PSĘ	(1872)	ATACGTGACAGAACCATGGAGAATTGCCTCCCAACGCTGTTCAGCCAGAG
HKLK2.LA0	(8440)	CCTTCCACTCTTGTCTGCAGGACAGTCTTAACATCCCATCATTAG-T-GT
PSE	(1922)	CCTTCCACCCTTGTCTGCAGGACAGTCTCAACGTTCCACCATTAAATACT

HKLK2.LA0	(8488)	GTCTACCACATCTGGCTTCACCGTGCCTAACCAAGATTTCTAGGTCCA
PSE	(1972)	TCTTCTATCACATCCTGCTTCTTTATGCCTAACCAAG-GTTCTAGGTCCC
HKLK2.LA0	(8536)	GTTCCCCACCATGTTTGGCAGTGCCCCACTGCCAACCCCAGAATAAGGGA
PSE	(2021)	GATCGACTG]GTCTGGCAGCACTCCACTGCCAAACCCAGAATAAGGCA
HKLK2.LA0	(8586)	GTGCTCAGAATTCCGA
PSE	(2069)	GCGCTCAGGATCCCGA

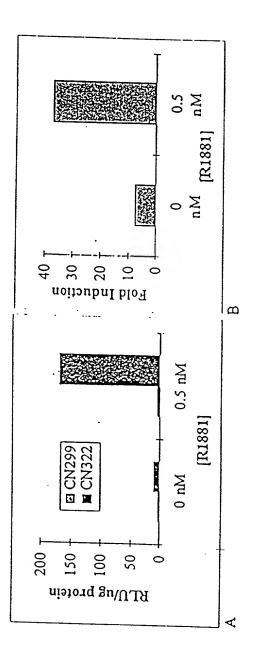
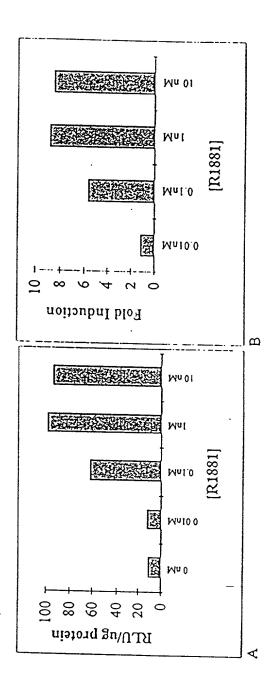
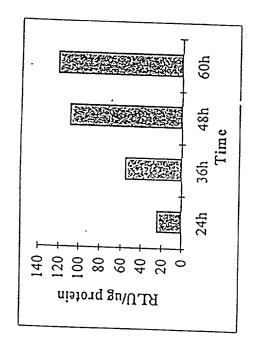


FIGURE 3







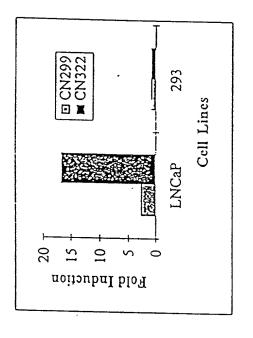


FIGURE 6

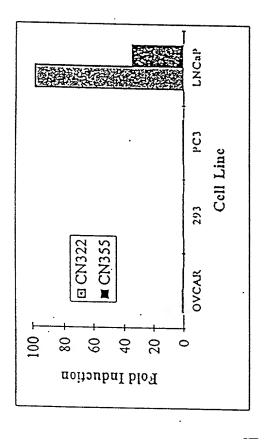


FIGURE 7

Chiaza	-5155	Fold Induction
CN379	-3387	-324
CN386	-3529	81
CN387	·3643	50
CN388	-4814 -3387	90
CN389	-3529	35
CN390	-3643	30
CN391	-4457 -3387	96
CN392	-3529	61
CN393	-3643	53
CN394	-3993 -3387	30
CN395	-3529	55 .
CN396	- 3 643	45
·	-	 37

FIGURE 8

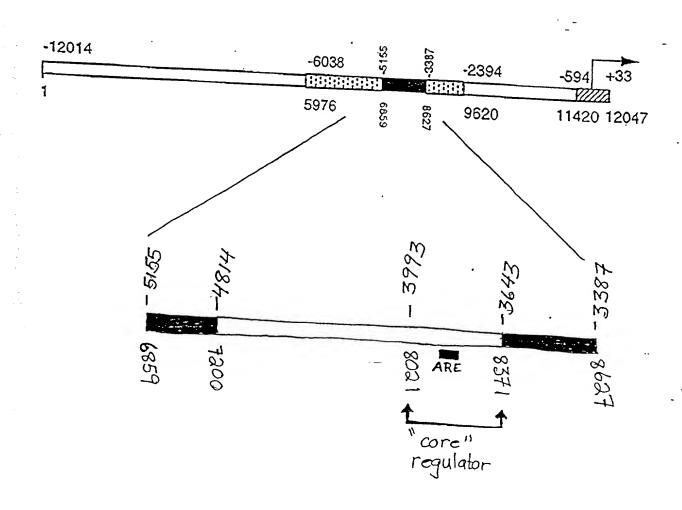
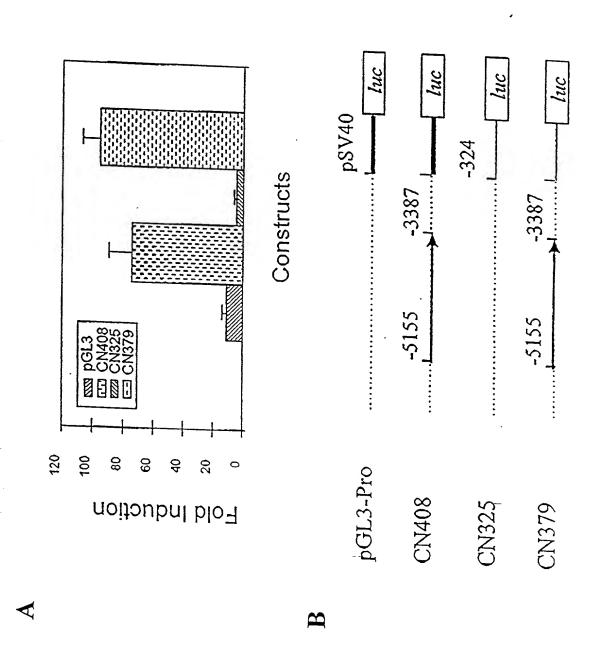


FIGURE 9



TIGURE 10

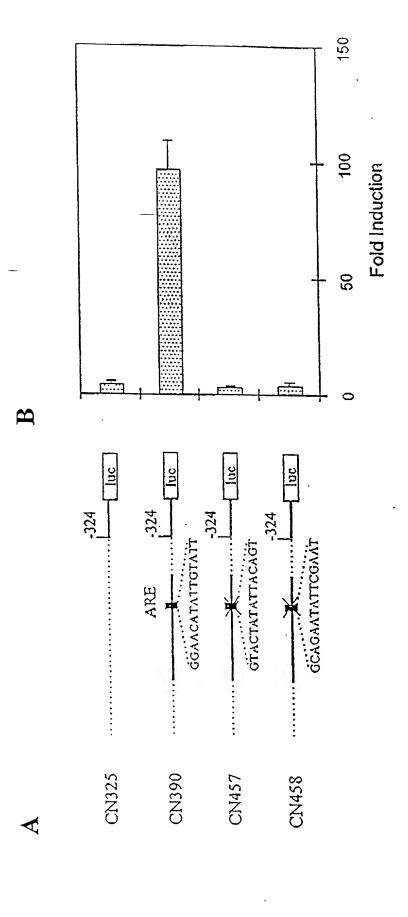


FIGURE 11

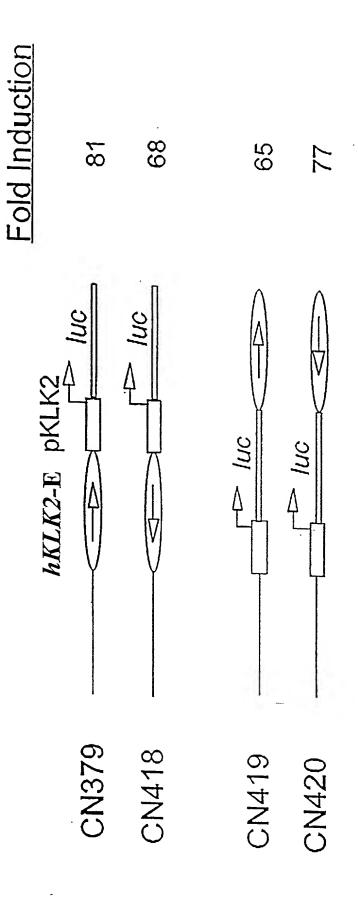


FIGURE 12

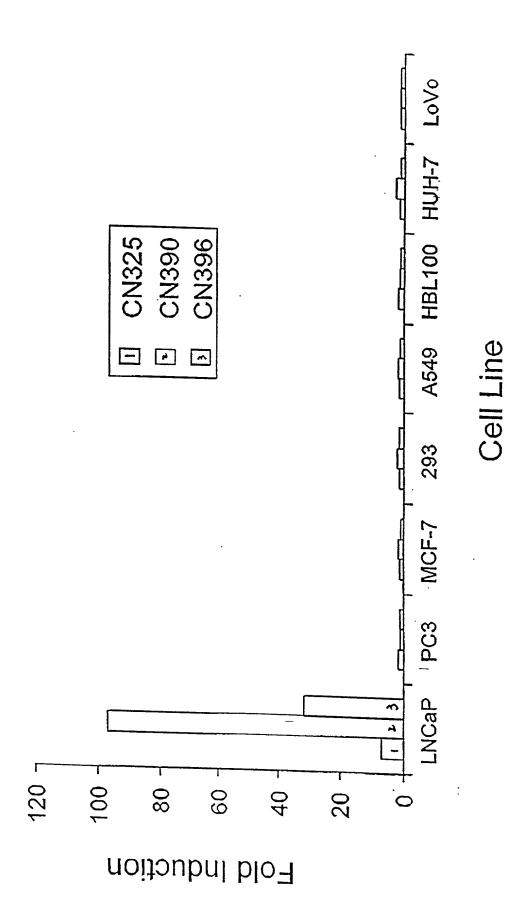


FIGURE 13

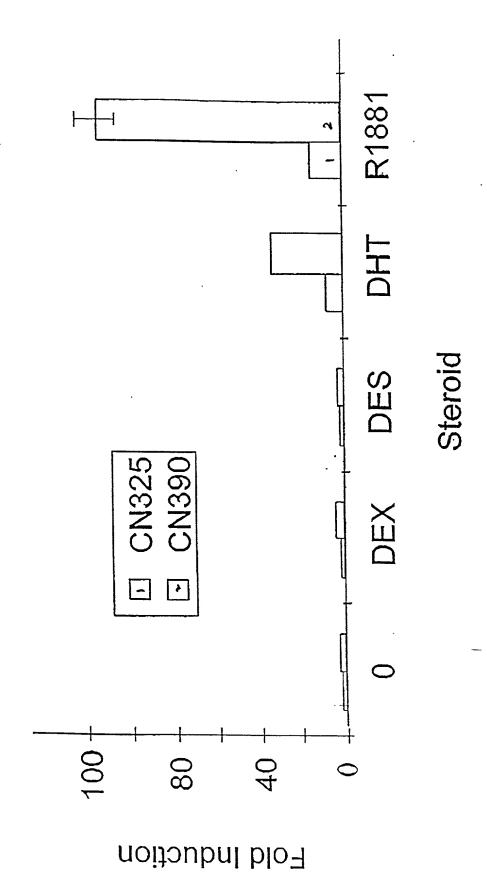


FIGURE 14

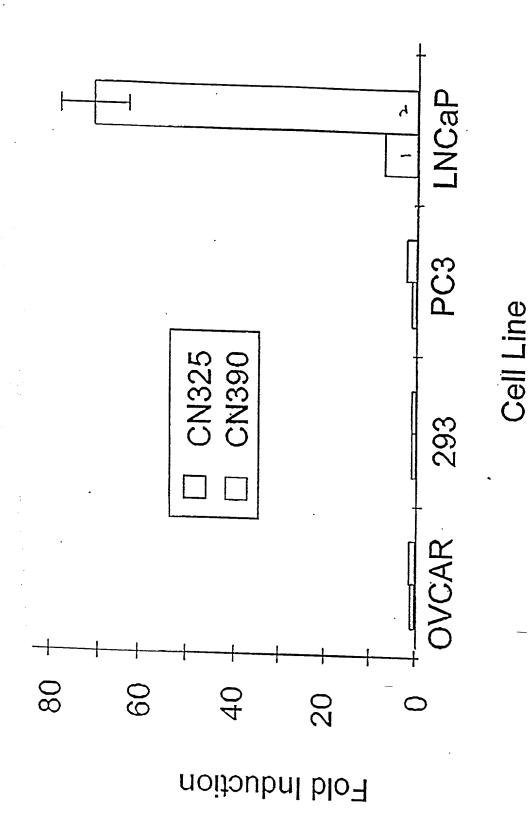


FIGURE 15

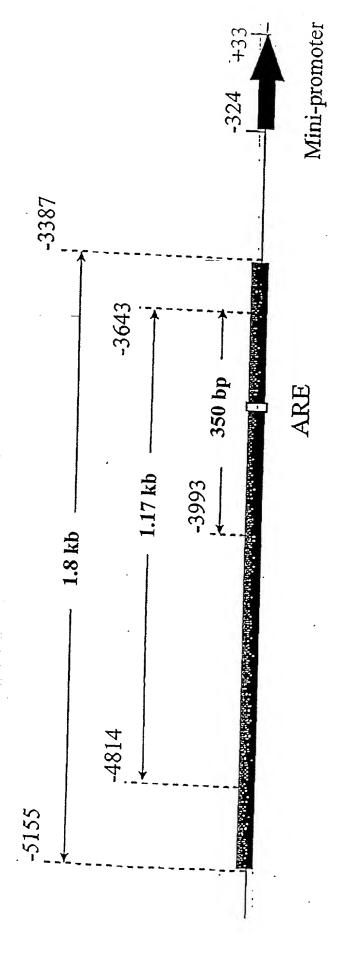


FIGURE 16

FIGURE 17A

FIGURE 17B

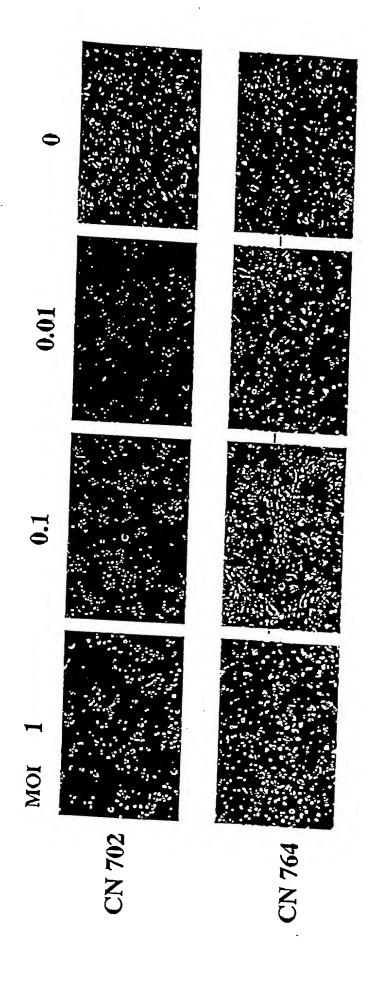
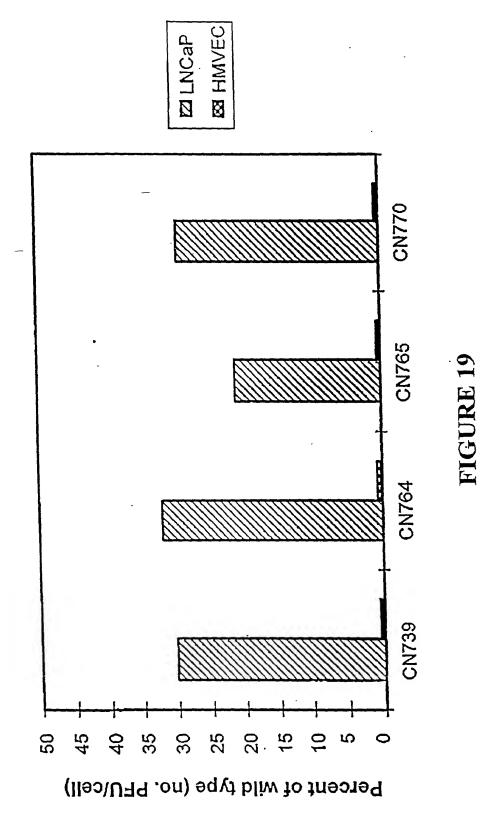


FIGURE 18



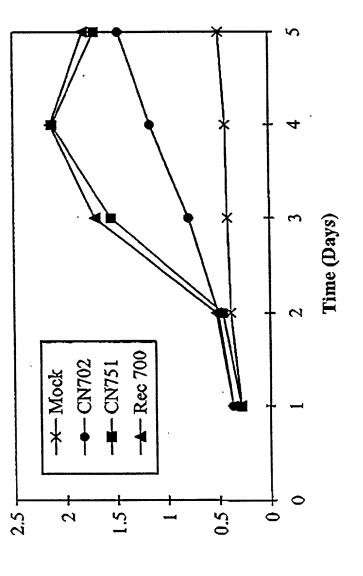
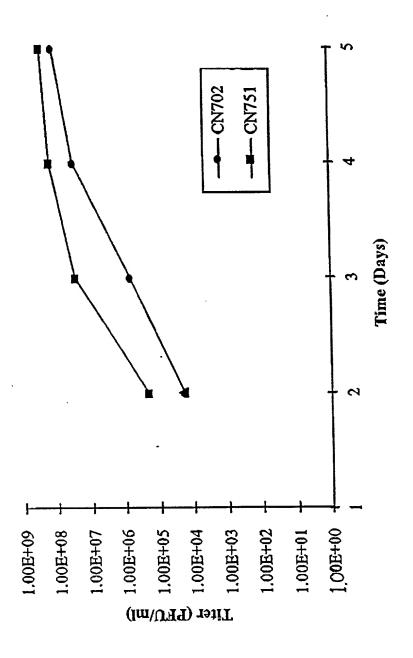


FIGURE 20





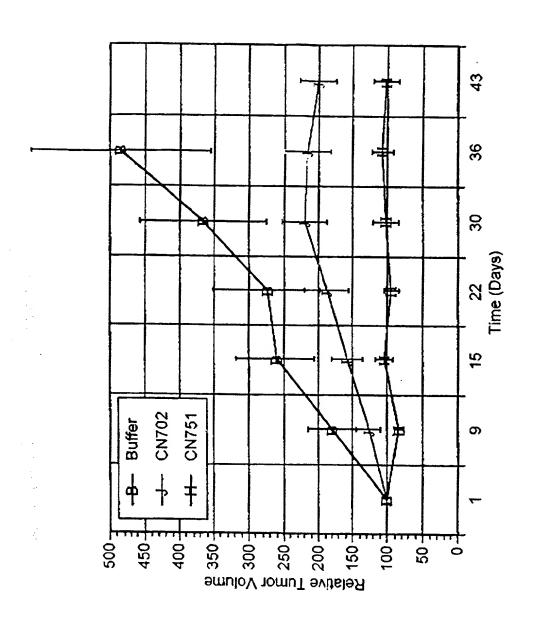


FIGURE 22

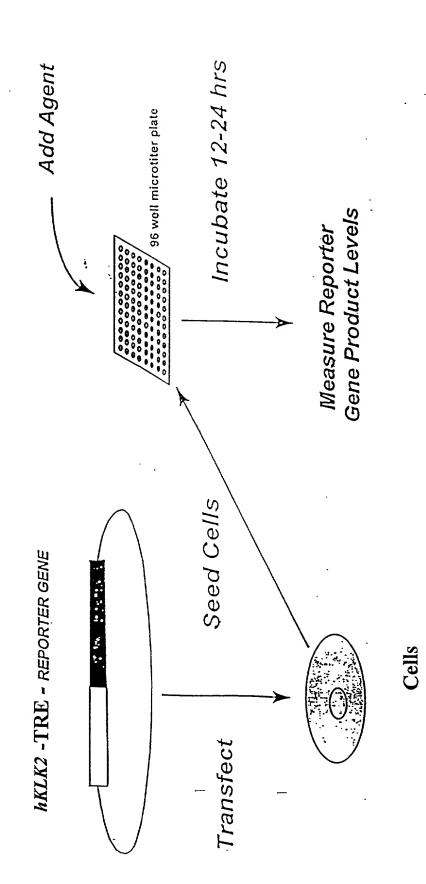


FIGURE 23A

Cells

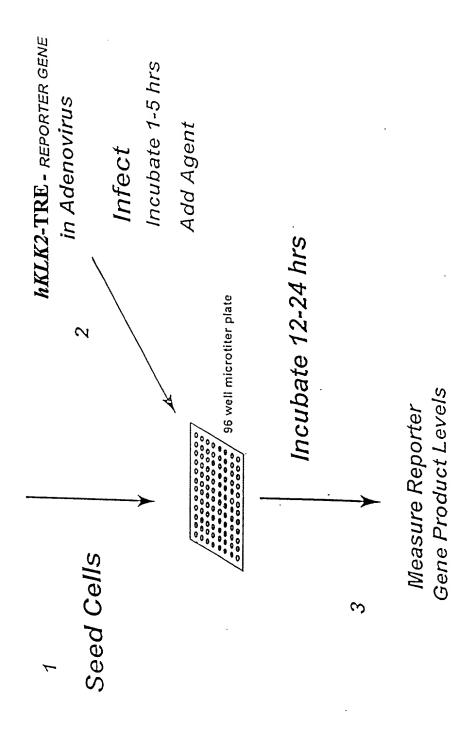


FIGURE 23B

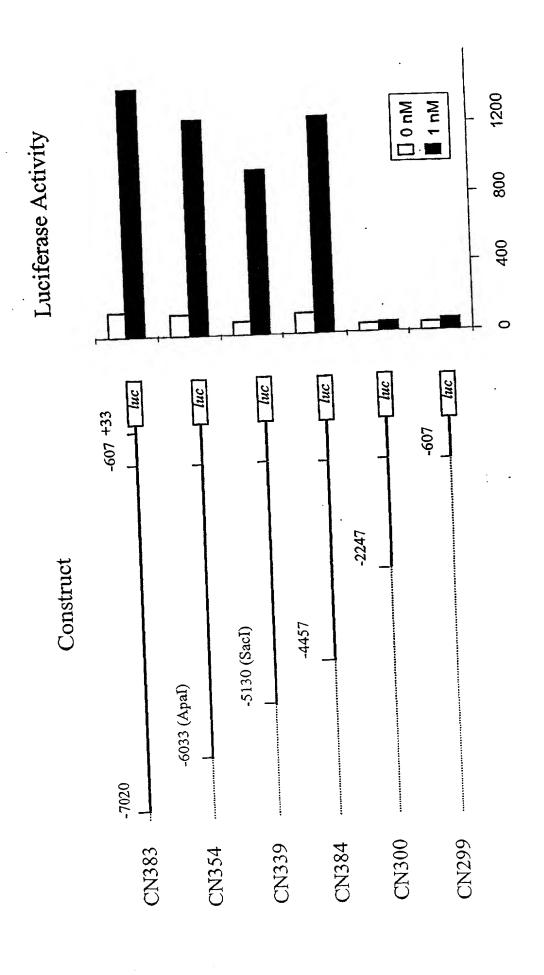
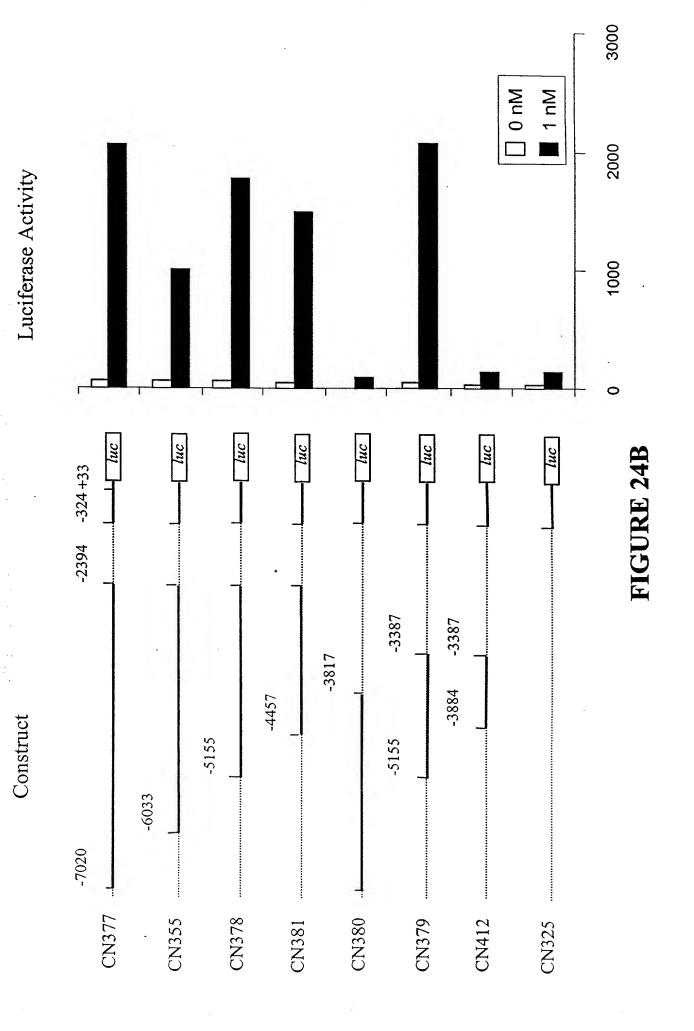


FIGURE 24A



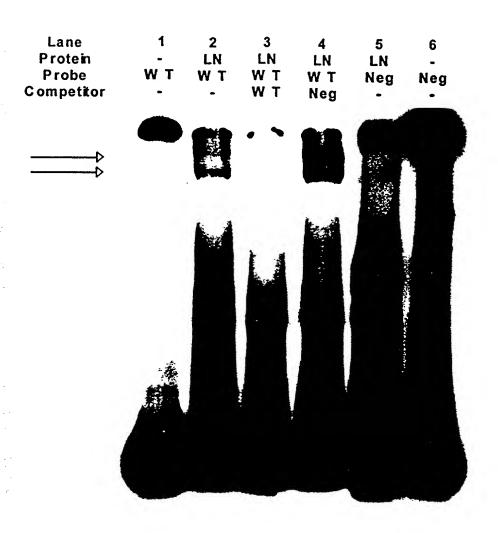


FIGURE 25A

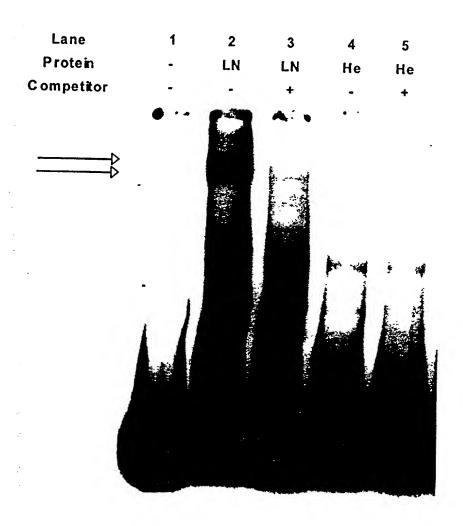


FIGURE 25B

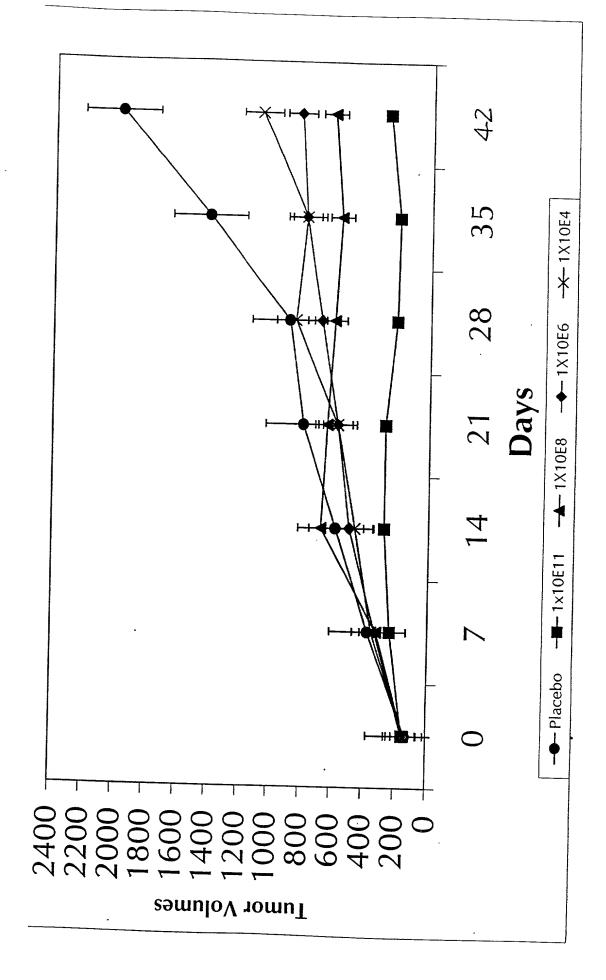


FIGURE 26